UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/653,689	09/02/2003	Charles Moon	800703	3476

23372 7590 04/09/2007 TAYLOR RUSSELL & RUSSELL, P.C. 4807 SPICEWOOD SPRINGS ROAD BUILDING TWO SUITE 250 AUSTIN, TX 78759	**EXAMINER** WOOD, WILLIAM H

ART UNIT	PAPER NUMBER
2193	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

	Application No.	Applicant(s)
Office Action Summary	10/653,689	MOON ET AL.
	Examiner	Art Unit	
	William H. Wood	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>02 September 2003</u>.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-39</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-39</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>02 September 2003</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some *   c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____.

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>6/17/04</u>.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Claims 1-39 are pending and have been examined.

Information Disclosure Statement

1.   The information disclosure statement (IDS) submitted on 17 June 2004,

was considered by the examiner.

Claim Rejections - 35 USC § 101

2.   35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or
> composition of matter, or any new and useful improvement thereof, may obtain a patent
> therefor, subject to the conditions and requirements of this title.

3.   Claims 1-17, 19-35, 37 and 39 are rejected under 35 U.S.C. 101 because

the claimed invention is directed to non-statutory subject matter. Claims recite

software *per se.*

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in

this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or
> in public use or on sale in this country, more than one year prior to the date of application for
> patent in the United States.

5.   Claims 1-39 are rejected under 35 U.S.C. 102(b) as being anticipated by

Abbruzzese et al. (USPN 5,557,515).

Claims 1, 19, 18 and 36

Abbruzzese discloses a software implemented method in a computer system

for browser-based arbitration in a classification workflow process, the method

comprising the steps of:

"authenticating a user name and password for enabling a user logon" at

Col. 15 lines 62-67;

"displaying a task list screen, the task list screen displaying a summary

list containing each current task that the user has permission to view and

links to a task detail screen, a search form screen, and a search queue screen"

at Col. 17, line 20 to Col. 18 line 62;

"enabling the user to arbitrate an assigned classification of assigned

tasks in the workflow process" at Col. 8 lines 25-45.

Claims 2 and 20

Abbruzzese discloses the method of claims 1, 19, further comprising the step

of "allowing the user to update a class, status and ownership of tasks selected

from the summary list of each current task" at Col. 61 lines 30-65.

Claims 3 and 21

Abbruzzese discloses the method of claims 1, 19, wherein the step of

displaying the summary list of each current task includes the steps of:

"displaying a link to a task details screen; displaying a means for selecting the

record; displaying a source document identification; displaying a task owner

username; displaying created time and date; displaying a modified time and

data *(figure 21)*; displaying a task class; displaying a task status; and

displaying a justification summary for a classification" at Cols. 77-80.

Claims 4 and 22

Abbruzzese discloses the method of claims 1, 19, further comprising the step

of "linking to the task detail screen for displaying detailed information about

the results of a task including the steps of displaying summary information, a

task history/log, a summary of rule checks that were applied to a source

document, and a summary of queries" at Col. 33 lines 10-65, Col. 43-44.

Claims 5 and 23

Abbruzzese discloses the method of claims 4, 22 wherein the step of displaying

summary information includes the steps of: "displaying a source document

identification; displaying a link to source document details screen; displaying a

task owner username; displaying created time and date; displaying a modified

time and data; displaying a current task class; displaying a current task

status; displaying a justification summary for a classification; and displaying

means for enabling the user to update the task summary, the classification,

and the owner" at Tables LXVI - LXXIX.

Claims 6 and 24

Abbruzzese discloses the method of claims 4, 22, wherein the step of

displaying a task/history log includes the steps of: "displaying summary

information from each entry in a task history and each note associated with

the task; displaying a button for enabling the user to create a new note;

displaying a date when a history record and each note was created; and

displaying a contents of a description field for a history record and each note"

at Col. 105, table LXXX.

Claims 7 and 25

Abbruzzese disclosed the method of claim 4, wherein the step of displaying a

summary of rule checks that were applied to a source document includes the

steps of: displaying a class for each rule; displaying a description of each rule

that was applied to the class; displaying the target schema that was used in

each rule check; displaying a highest score from each rule check; and

displaying a link to a details screen for each rule check *(column 33, table XX).*

Claims 8 and 26

Abbruzzese disclosed the method of claim 4, wherein the step of displaying a summary of queries includes the steps of: displaying a name of a target schema; displaying the name of a field mapping that was used to map an input schema to a target schema; displaying a highest score returned; displaying the number of documents that were returned; and displaying a link to a side-by-side screen for displaying details of a query criteria and result *(column 33, table XX)*.

Claims 9 and 27

Abbruzzese disclosed the method of claim 1, further comprising the step of linking to the search form screen for enabling the user to define a query document and execute searches using available search engine schemas, comprising the steps of: displaying text fields of a query document that match fields in a target schema for entering query data; displaying one or more target schemas and means for selecting one or more target schemas to search against; providing means for enabling the user to select immediate execution of a search and displaying a search results summary screen; and providing means for enabling a user to select a search in background execution by sending the search criteria to a queue for later execution and displaying the task list screen at Col. 17, line 20 to Col. 18 line 62.

Claims 10 and 28

Abbruzzese disclosed the method of claim 9, further comprising the steps of:

displaying two text fields for enabling a user to enter a range of document

indexes for restricting a result set; displaying a means for selecting specific

displayed schemas applicable to restricting a result set to a specific schema

index ranges; displaying two text fields for enabling a user to enter a range of

document scores for restricting a result set; and displaying a means for

selecting specific displayed schemas applicable to restricting a result set to a

specific score range *(column 117, table LXXXVI)*.

Claims 11 and 29

Abbruzzese disclosed the method of claim 1, further comprising the step of

linking to the search queue screen for displaying status and results of

background searches having delayed execution, comprising the steps of:

displaying a list of all searches queued by the user; for each queued search,

displaying means for selecting the queued search; for each queued search,

displaying a time/date that the search was queued and a time/date that the

search was completed; and for each queued search, displaying target schemas

that were searched, a number of returned result documents, and a current

status of the queued searches *(column 117, table LXXXVI)*.

Claims 12 and 30

Abbruzzese discloses the method of claim 11, further comprising for each

queued search, the step of displaying a link to a search results summary

screen if a search is completed *(column 117, table LXXXVI)*.

Claims 13 and 31

Abbruzzese disclosed the method of claim 11, further comprising the step of

displaying a means for deleting selected queued searches *(column 115, table

LXXXV)*.

Claims 14 and 32

Abbruzzese disclosed the method of claim 12, further comprising the step of

linking to the search result summary screen for reviewing a result from a

specific search, comprising the steps of: displaying a field name and criteria

value for each populated field in an original query document; displaying

summary search results for each returned document in a result set, including

means for selecting a one or more result sets, result document identification for

linking to a document detail search result screen, and result set score;

displaying a header label indicating a target schema and mapping used to

generate a query; displaying means for linking to a side-by-side search result

screen and linking to a document detail search result screen; and displaying

means for selecting all documents in a result set and for clearing all documents

in a result set *(column 117, table LXXXVI)*.

Claims 15 and 33

Abbruzzese discloses the method of claim 14, further comprising the step of linking to the side-by-side search result screen for enabling the user to view details for multiple documents, comprising the steps of: displaying query document data including field name, criteria value and score; displaying side-by-side search results by column for each result set, including a document identification, overall document score, and target schema that contains the document; and displaying a field name for each mapped node in a target schema, a target value for that node, and a score for that node *(column 115, table LXXXV)*.

Claims 16 and 34

Abbruzzese discloses the method of claim 14, further comprising the step of linking to the document detail search result screen for enabling the user to view results of a single document, comprising the steps of: displaying a document identification, a document's schema name, and a link to open the document in a fraud investigator application; and displaying each field name and field value of the result document *(column 128, table XCIII)*.

Claims 17 and 35

Abbruzzese discloses the method of claims 1, 19, further comprising the steps

of; "enabling the user to attach a note to a task record; and enabling the user to obtain help information online" at Col. 105, table LXXX.

Claim 37

Abbruzzese discloses a computer system comprising:

"means for displaying workflow classification information" at Co. 13 lines 5-20;

"means for initiating a search based on selected task information" at Cols. 41-42;

"means for receiving task results from a classification engine" at Cols. 41-42.

"means for interactively classifying task results" at Col. 29, table XIV.

Claim 38

Abbruzzese discloses the system of claim 37, wherein "the means for displaying and receiving is a computer display terminal, and the means for initiating and interactively classifying is a computer keyboard and mouse" at Col. 12 line 50 to Col. 13 line 20.

Claim 39

Abbruzzese discloses a method comprising:

"a user for entering, selecting, viewing, and updating classification task information in the computer system" at Col. 13 lines 15-20;

"a computer display terminal, keyboard and mouse, and computer for

displaying, enabling, linking, and providing classification task information to

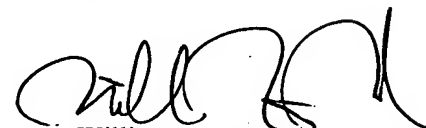the user" at Col. 12 line 50 to Col. 13 line 20.

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Wood whose telephone number is (571)-272-3736. The examiner can normally be reached 10:00am - 4:00pm Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571)-272-3756. The fax phone numbers for the organization where this application or proceeding is assigned are (571)273-8300 for regular communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained form either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR systems, see http://pair-direct.uspto.gov. For questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

William H. Wood
Patent Examiner
AU 2193
April 2, 2007